Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW120318\
Data File : VW007161.D
Acq On : 03 Dec 2018 13:11
Operator : SY/AP
Sample : J6077-06
Misc : 6.09G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : F9Y41

Quant Time: Dec 04 04:00:33 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM113018S.M
Quant Title : VOC Analysis
QLast Update : Tue Dec 04 03:14:20 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	106779	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	110849	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	55663	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.35	65	19205	21.14	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 84.56%			
7) Chloroethane-d5	2.89	69	19729	30.28	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 121.12%			
10) 1,1-Dichloroethene-d2	4.02	63	45008	19.02	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 76.08%			
20) 2-Butanone-d5	7.08	46	22638	61.54	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 123.08%			
24) Chloroform-d	7.65	84	60753	27.16	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 108.64%			
26) 1,2-Dichloroethane-d4	8.31	65	33897	26.18	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 104.72%			
29) Benzene-d6	8.28	84	108447	20.59	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 82.36%			
33) 1,2-Dichloropropane-d6	9.30	67	250788	166.19	ug/L	0.03
Spiked Amount 25.000	Range 70 - 120		Recovery = 664.76%#			
37) Toluene-d8	10.33	98	222084	39.86	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 159.44%#			
38) trans-1,3-Dichloropropene-	10.58	79	21669	29.37	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 117.48%			
39) 2-Hexanone-d5	10.93	63	22576	63.84	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 127.68%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	23554	17.13	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 68.52%			
61) 1,2-Dichlorobenzene-d4	13.86	152	43219	20.69	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 82.76%			
Target Compounds						Qvalue
21) 2-Butanone	7.18	43	13794	34.864	ug/L	88
30) Cyclohexane	7.96	56	986536	408.315	ug/L #	80
34) Benzene	8.33	78	2325903	404.919	ug/L	100
36) Methylcyclohexane	9.34	83	2216442	766.468	ug/L	90
44) Toluene	10.39	91	1487710	216.150	ug/L	100
53) Ethylbenzene	11.74	91	1517924	190.227	ug/L	100
54) m,p-Xylene	11.84	106	1037485	333.218	ug/L	89
55) o-xylene	12.17	106	718295	248.773	ug/L	92
57) Isopropylbenzene	12.47	105	261066	32.516	ug/L	99

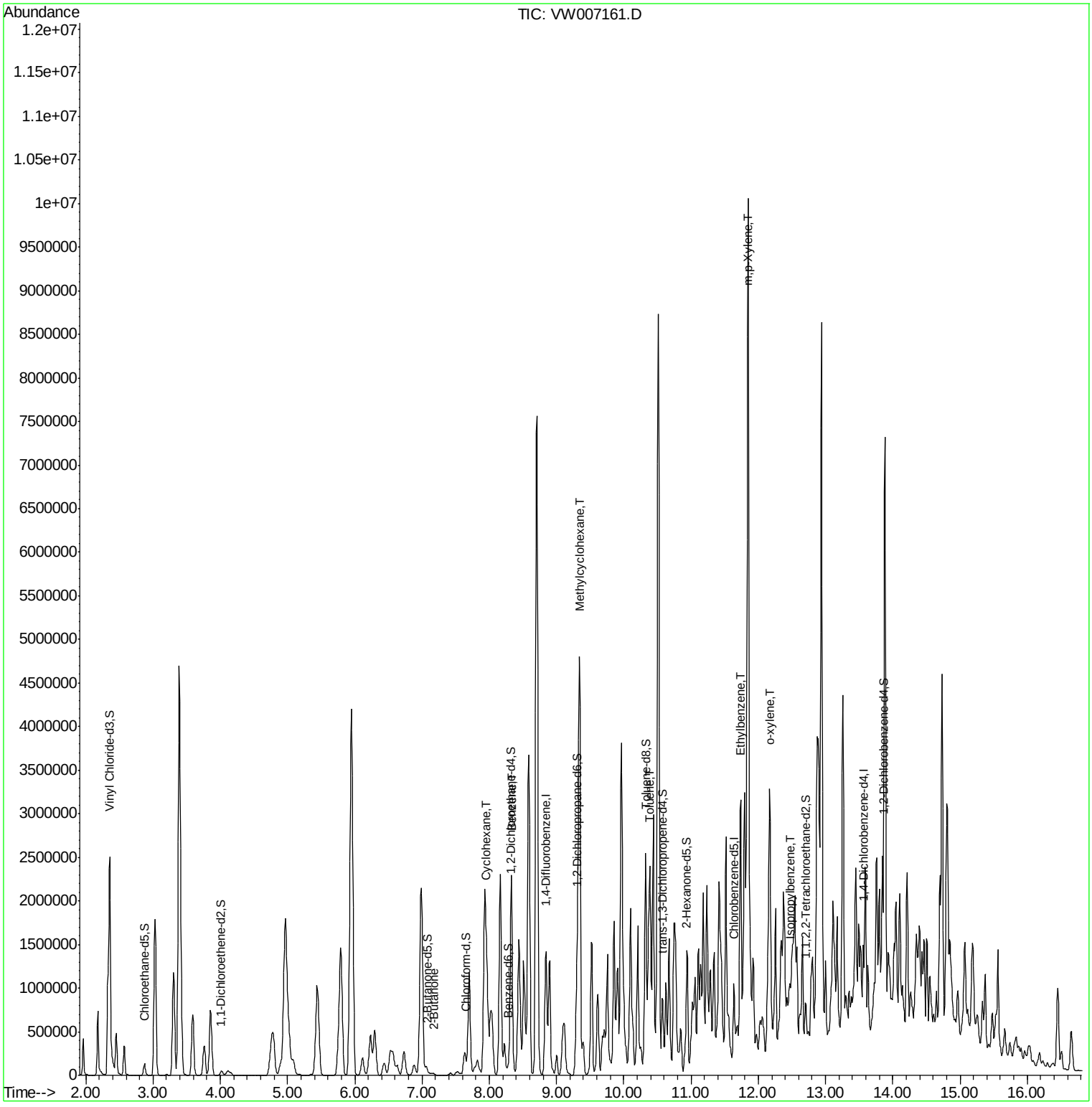
(#) = qualifier out of range (m) = manual integration (+) = signals summed

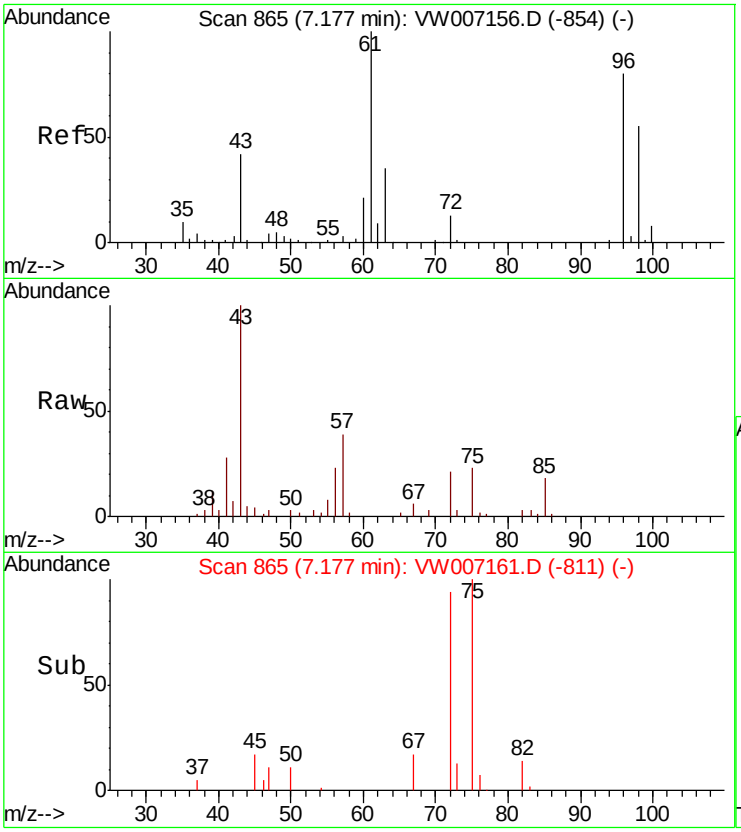
Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW120318\
Data File : VW007161.D
Acq On : 03 Dec 2018 13:11
Operator : SY/AP
Sample : J6077-06
Misc : 6.09G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : F9Y41

Quant Time: Dec 04 04:00:33 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM113018S.M
Quant Title : VOC Analysis
QLast Update : Tue Dec 04 03:14:20 2018
Response via : Initial Calibration



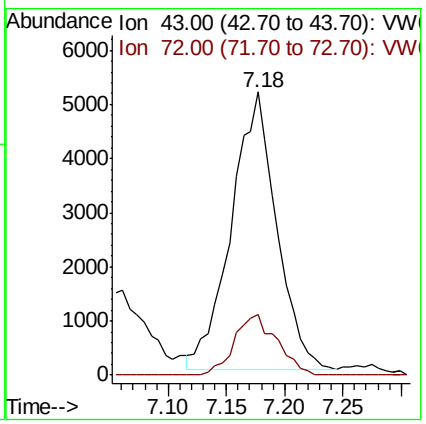


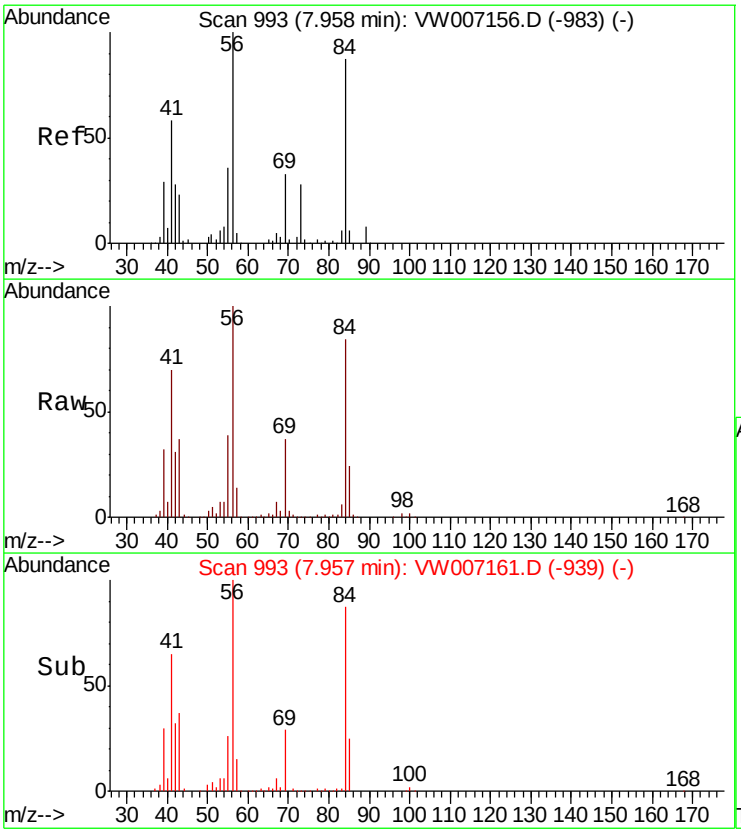
#21
2-Butanone
Concen: 34.864 ug/L
RT: 7.18 min Scan# 865
Delta R.T. -0.00 min
Lab File: VW007161.D
Acq: 03 Dec 2018 13:11

Instrument :
MSVOA_W
ClientSampleId :
F9Y41

Tgt Ion: 43 Resp: 13794

Ion	Ratio	Lower	Upper
43	100		
72	20.6	13.5	40.5

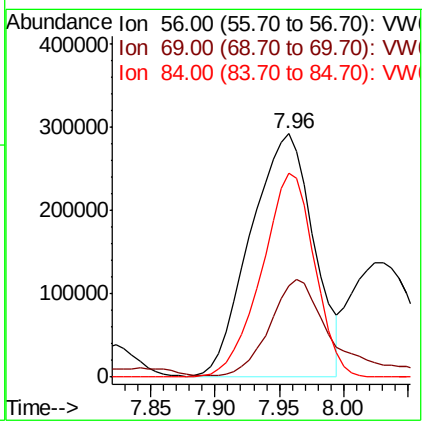


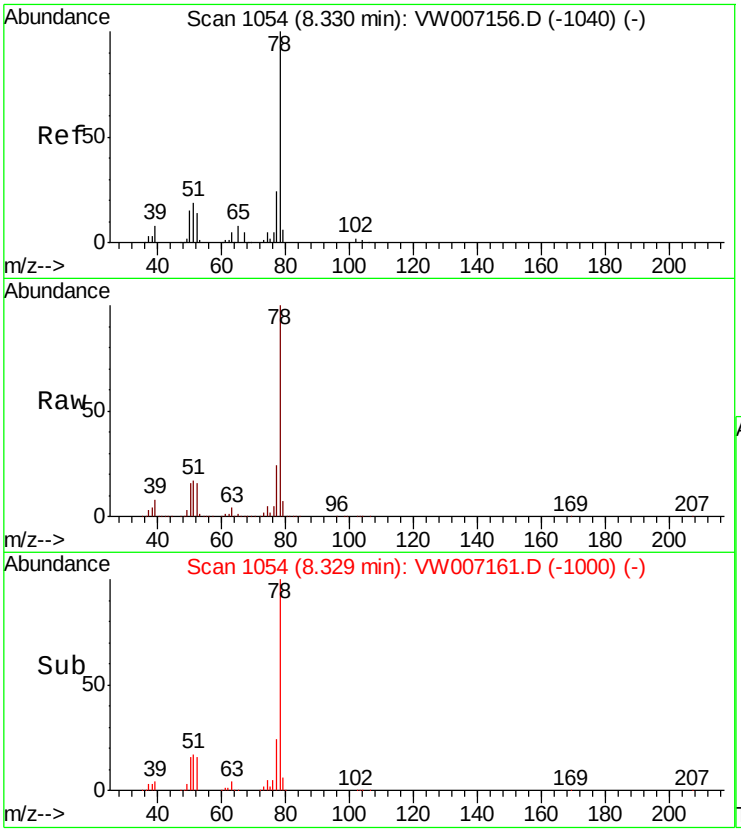


#30
Cyclohexane
Concen: 408.315 ug/L
RT: 7.96 min Scan# 993
Delta R.T. -0.00 min
Lab File: VW007161.D
Acq: 03 Dec 2018 13:11

Tgt Ion: 56 Resp: 986536

Ion	Ratio	Lower	Upper
56	100		
69	40.4	26.1	39.1#
84	70.5	73.0	109.4#

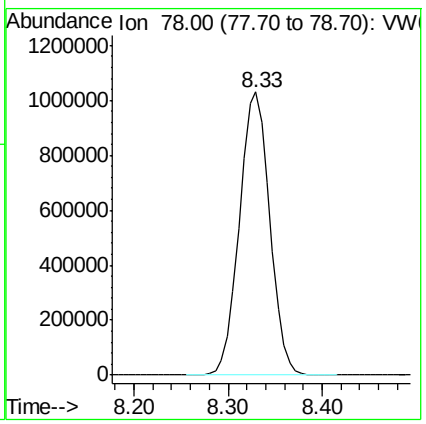


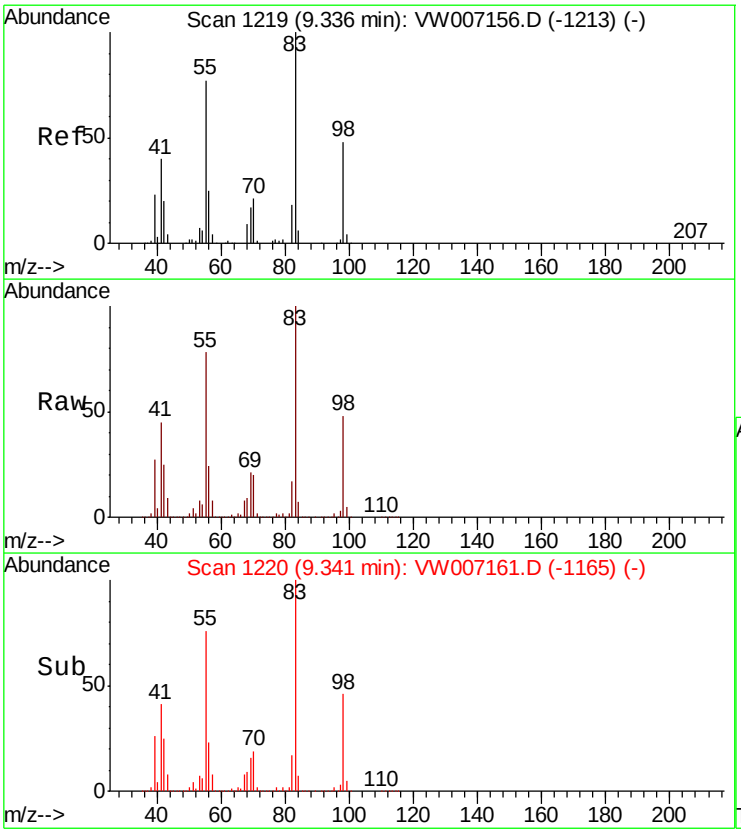


#34
Benzene
Concen: 404.919 ug/L
RT: 8.33 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VW007161.D
Acq: 03 Dec 2018 13:11

Instrument :
MSVOA_W
ClientSampleId :
F9Y41

Tgt Ion: 78 Resp: 2325903

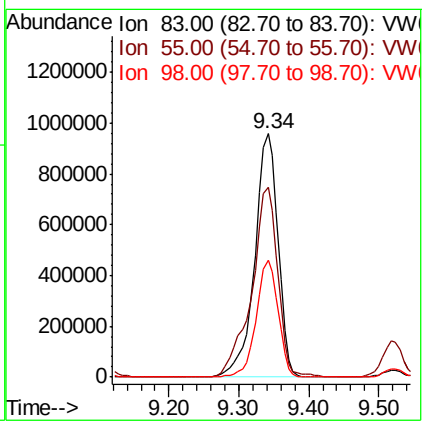


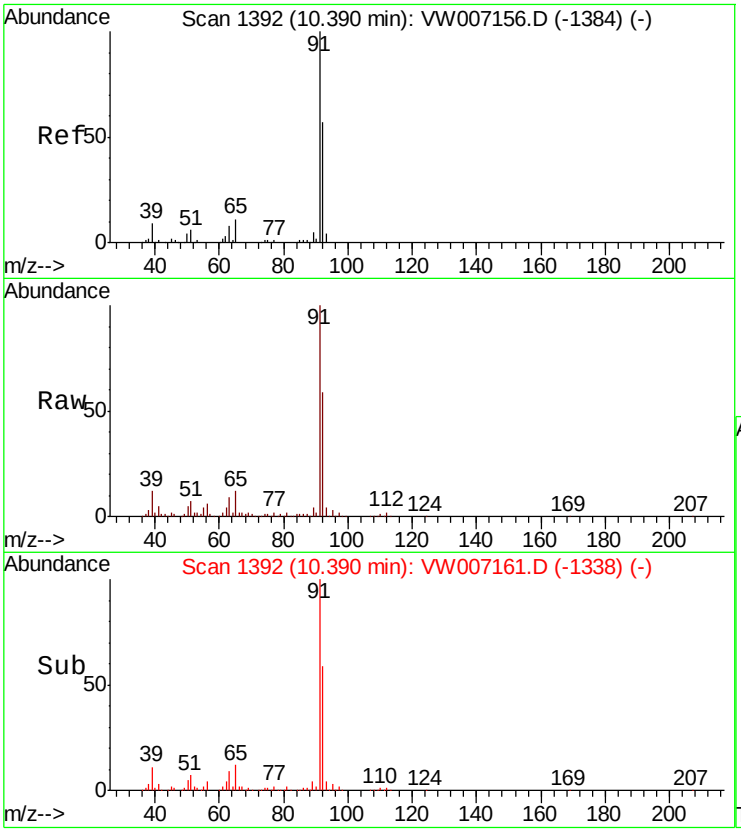


#36
Methylcyclohexane
Concen: 766.468 ug/L
RT: 9.34 min Scan# 1220
Delta R.T. 0.01 min
Lab File: VW007161.D
Acq: 03 Dec 2018 13:11

Tgt Ion: 83 Resp: 2216442

Ion	Ratio	Lower	Upper
83	100		
55	86.8	60.2	90.4
98	45.2	38.8	58.2



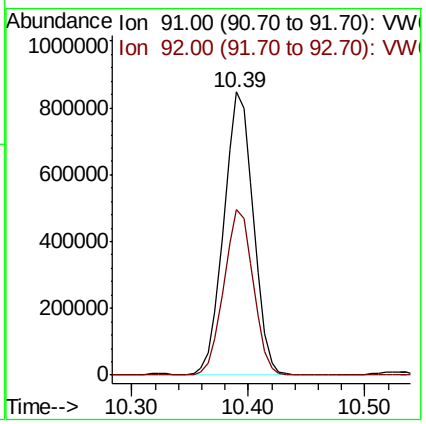


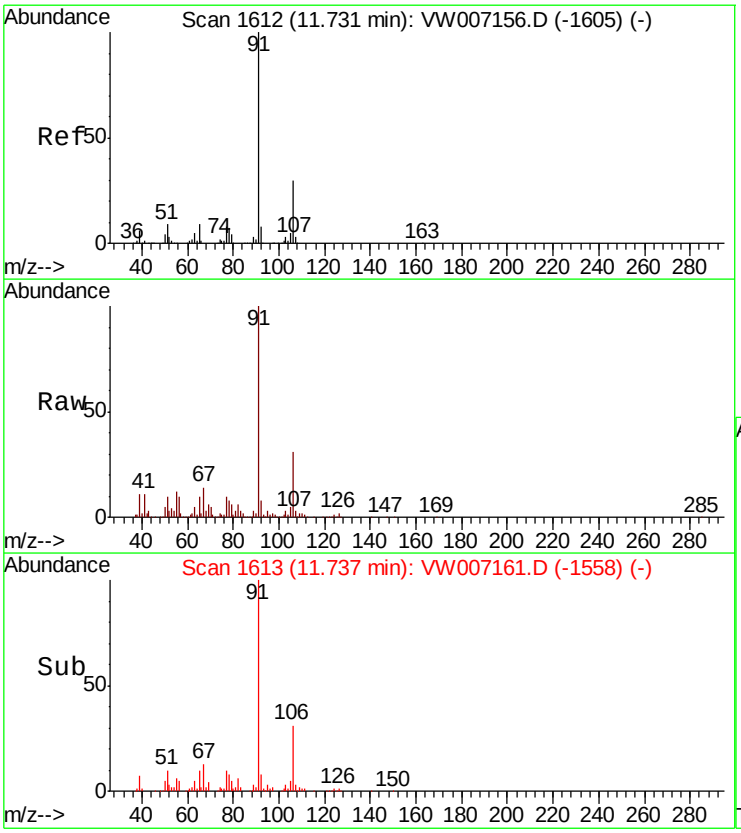
#44
Toluene
Concen: 216.150 ug/L
RT: 10.39 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VW007161.D
Acq: 03 Dec 2018 13:11

Instrument : MSVOA_W
ClientSampleId : F9Y41

Tgt Ion: 91 Resp: 1487710

Ion	Ratio	Lower	Upper
91	100		
92	58.5	41.2	76.6

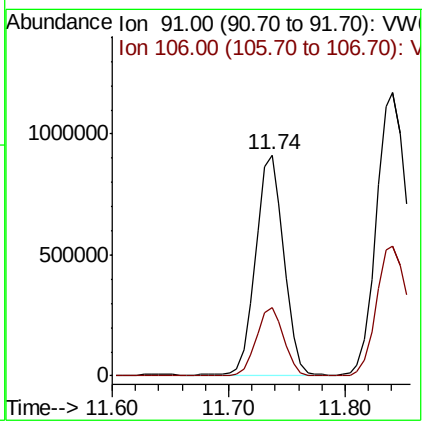


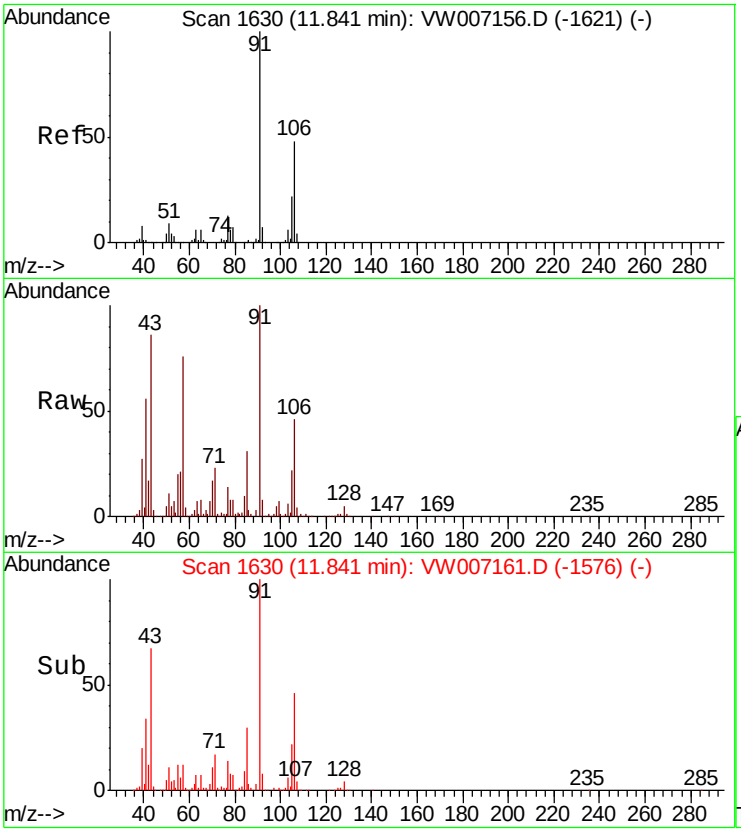


#53
Ethylbenzene
Concen: 190.227 ug/L
RT: 11.74 min Scan# 1613
Delta R.T. 0.01 min
Lab File: VW007161.D
Acq: 03 Dec 2018 13:11

Tgt Ion: 91 Resp: 1517924

Ion	Ratio	Lower	Upper
91	100		
106	31.1	21.8	40.4



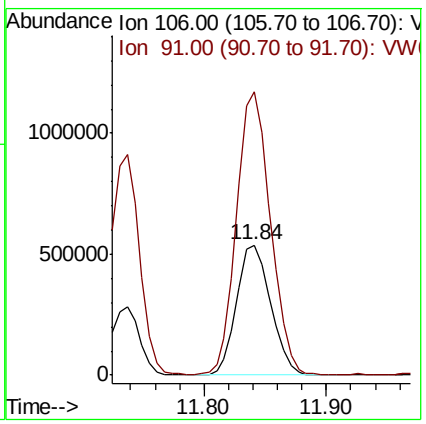


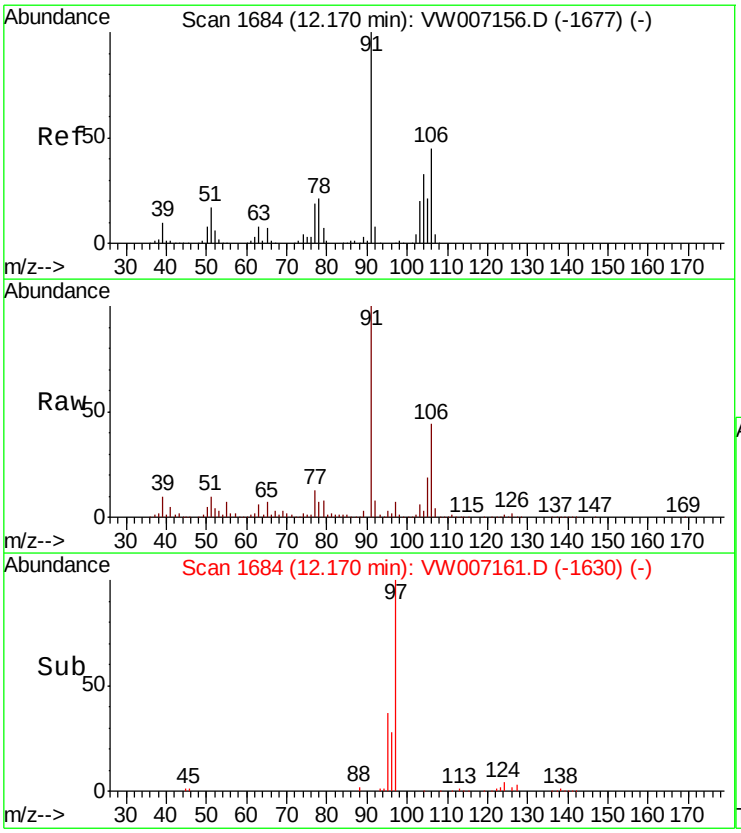
#54
m,p-Xylene
Concen: 333.218 ug/L
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW007161.D
Acq: 03 Dec 2018 13:11

Instrument :
MSVOA_W
ClientSampleId :
F9Y41

Tgt Ion:106 Resp: 1037485

Ion	Ratio	Lower	Upper
106	100		
91	217.6	140.7	261.3

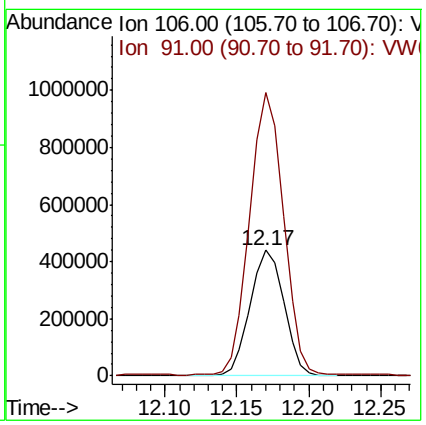


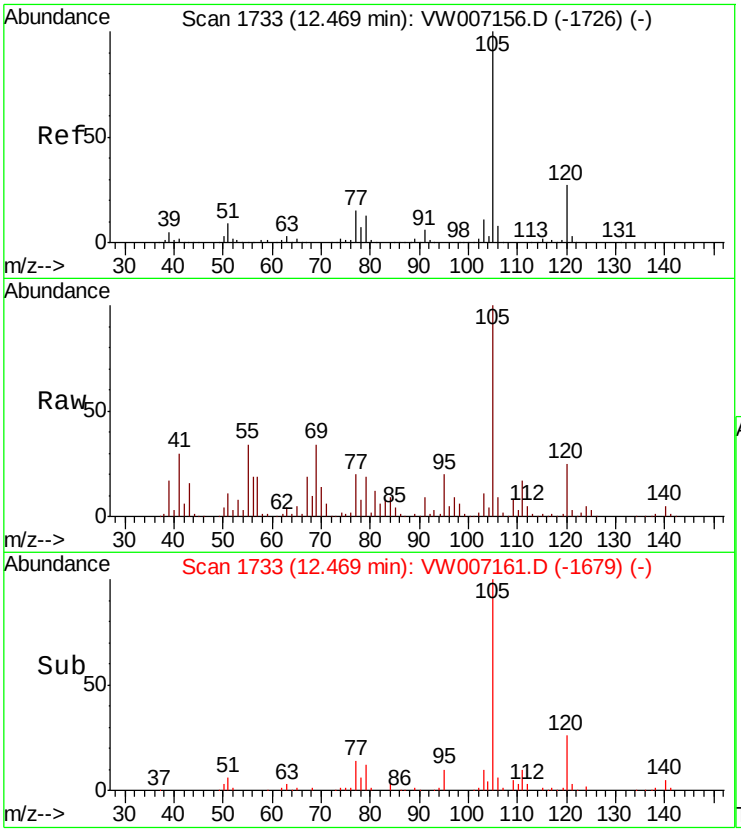


#55
o-xylene
Concen: 248.773 ug/L
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW007161.D
Acq: 03 Dec 2018 13:11

Tgt Ion:106 Resp: 718295

Ion	Ratio	Lower	Upper
106	100		
91	225.1	149.0	276.8





#57
Isopropylbenzene
Concen: 32.516 ug/L
RT: 12.47 min Scan# 1733
Delta R.T. -0.00 min
Lab File: VW007161.D
Acq: 03 Dec 2018 13:11

Instrument :
MSVOA_W
ClientSampleId :
F9Y41

Tgt Ion:105 Resp: 261066

Ion	Ratio	Lower	Upper
105	100		
120	25.9	20.8	31.2
77	16.0	12.0	18.0